S/M No. : VS106MUES1

Service Manual

(Revision-1)

Video Cassette Recorder

ALL S2-MECHA(MONO)

Additional Model : DV-S106WY/NY/A

Please file and use this Revision-1 with the DV-S103/S123W Series (S/N:VS123MUEF1) basic service manual.

✔ Caution

: In this Manual, some parts can be changed for improving, their performance without notice in the parts list. So, if you need the latest parts information,please refer to PPL(Parts Price List) in Service Information Center (http://svc.dwe.co.kr).

DAEWOO ELECTRONICS CO., LTD.

http : //svc.dwe.co.kr Oct. 1999

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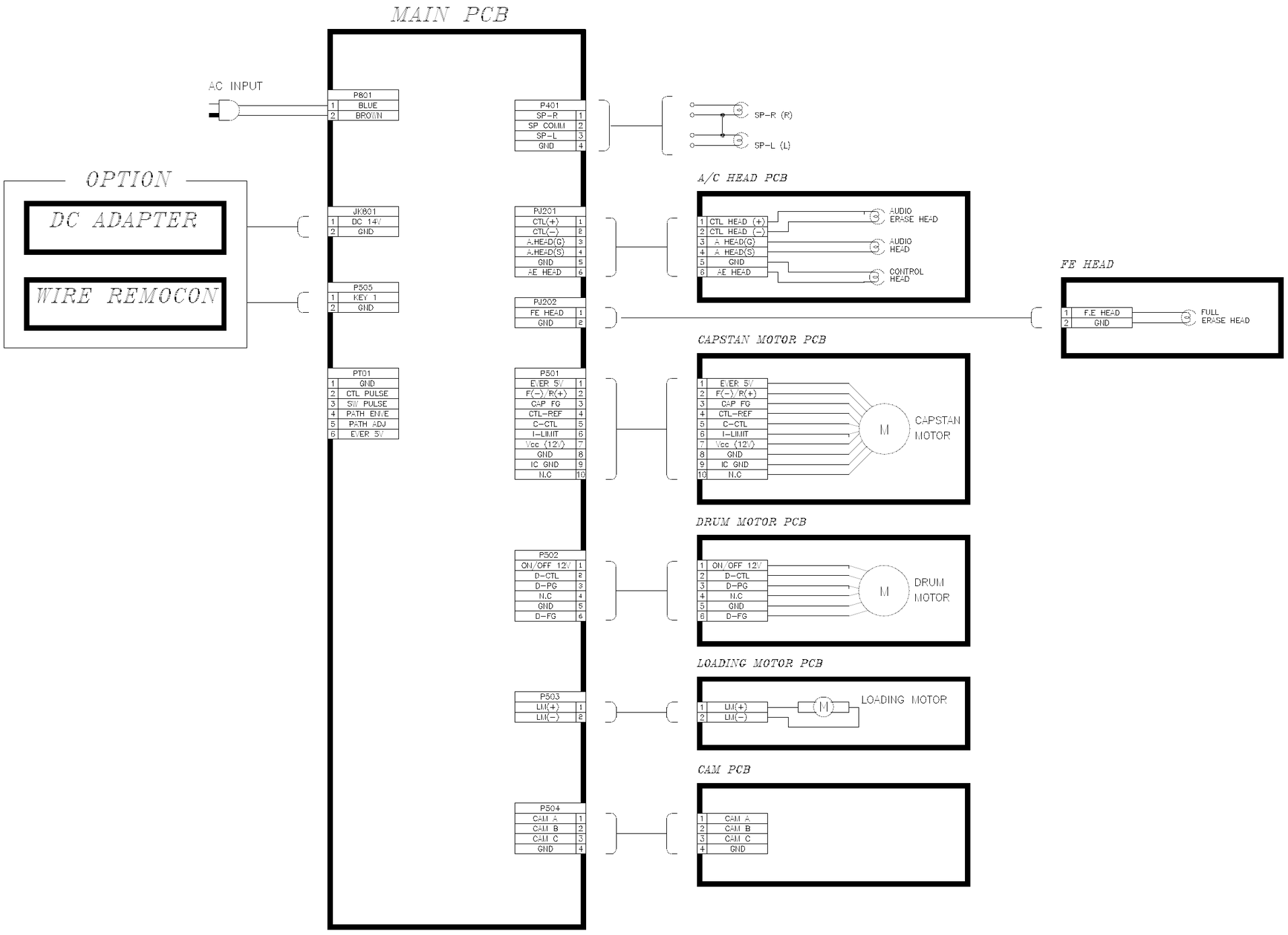
PRINTED CIRCUIT BOARD

1. PCB MAIN

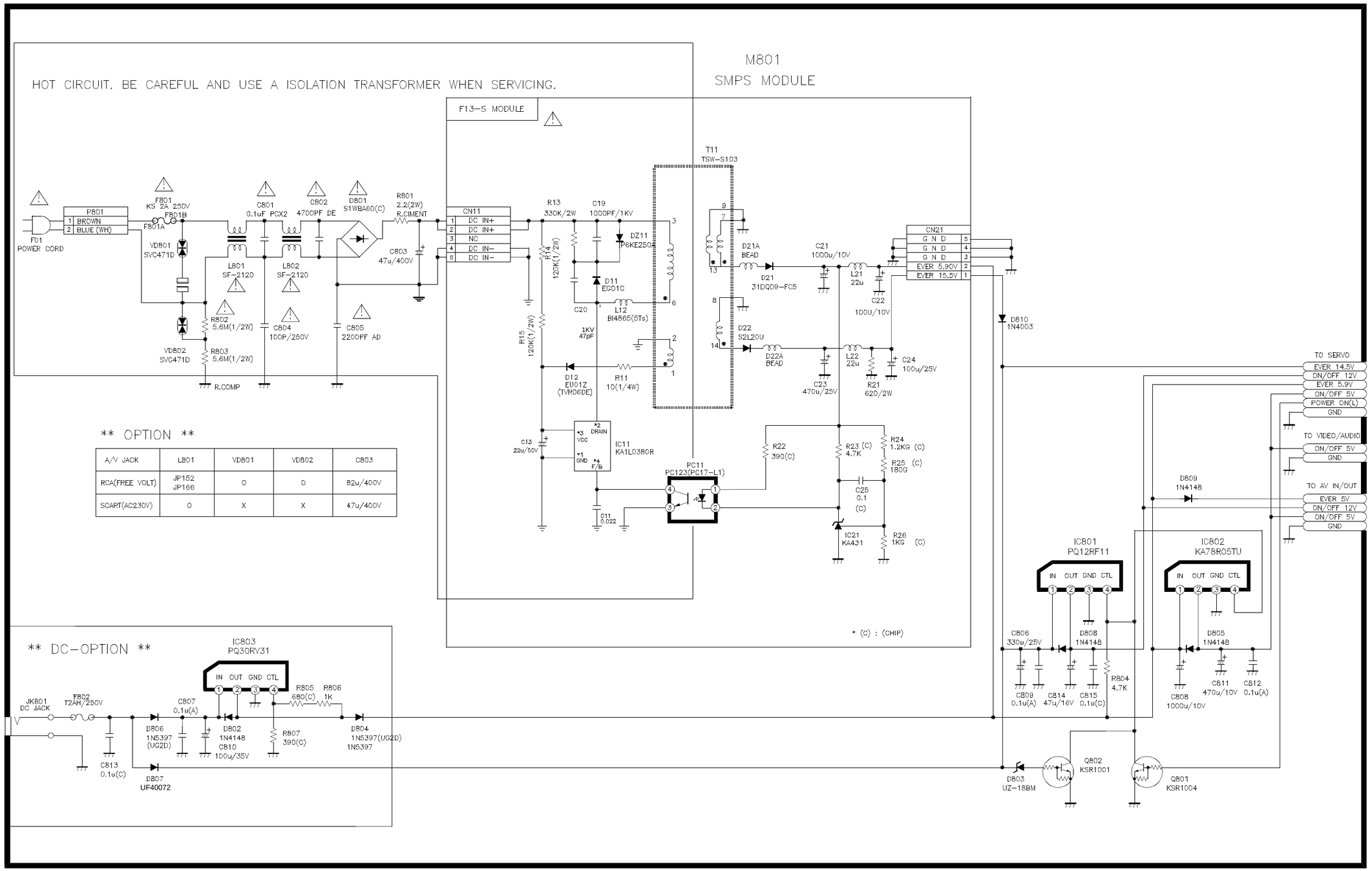
2. PCB POWER(SMPS)

CIRCUIT DIAGRAM

1. CONNECTION DIAGRAM

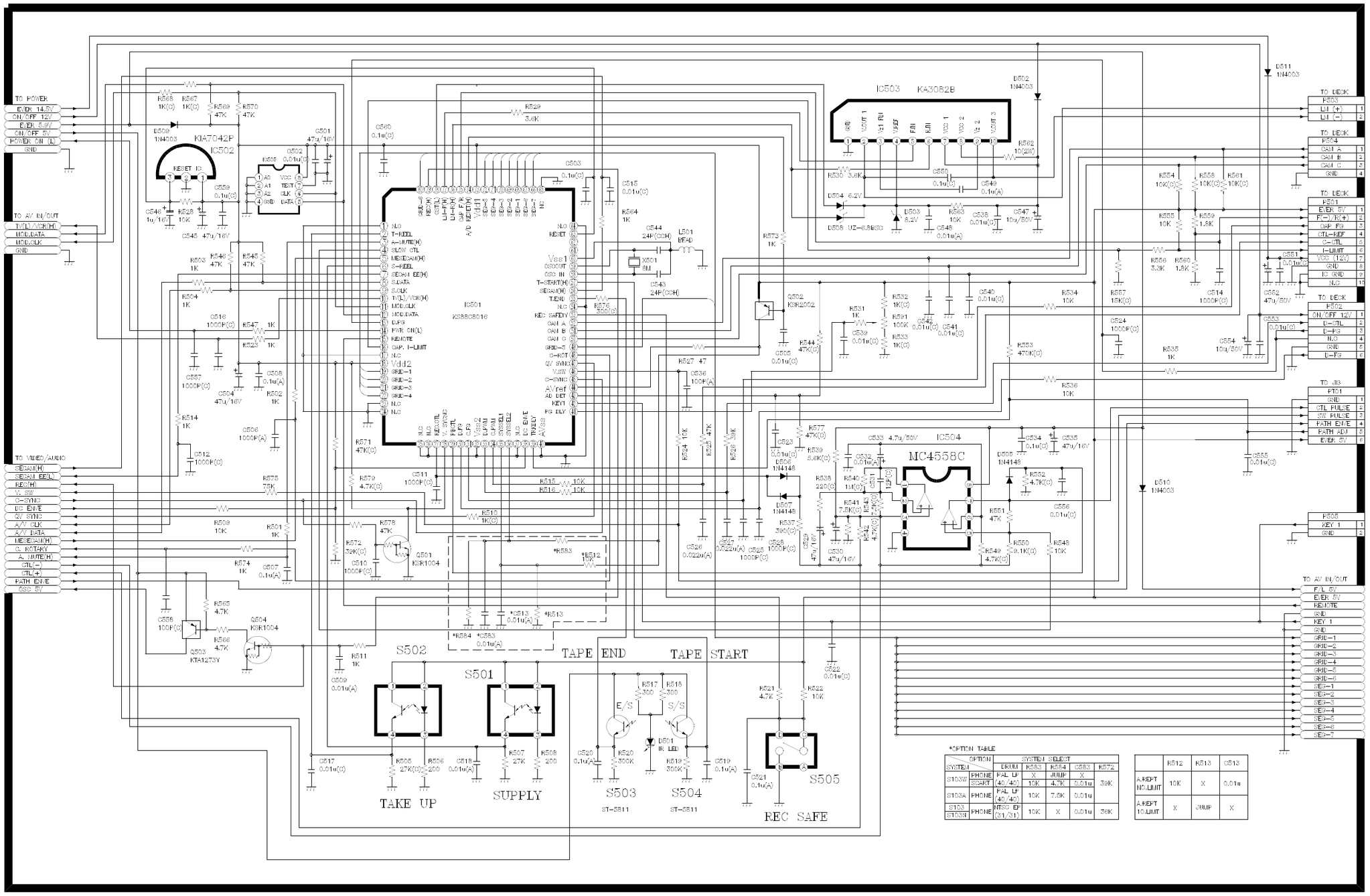


2. POWER CIRCUIT



A/V JACK	LB01	VD801	VD802	C803
RCA(FREE VOLT)	JP152 JP166	O	O	82u/400V
SCART(AC230V)	O	X	X	47u/400V

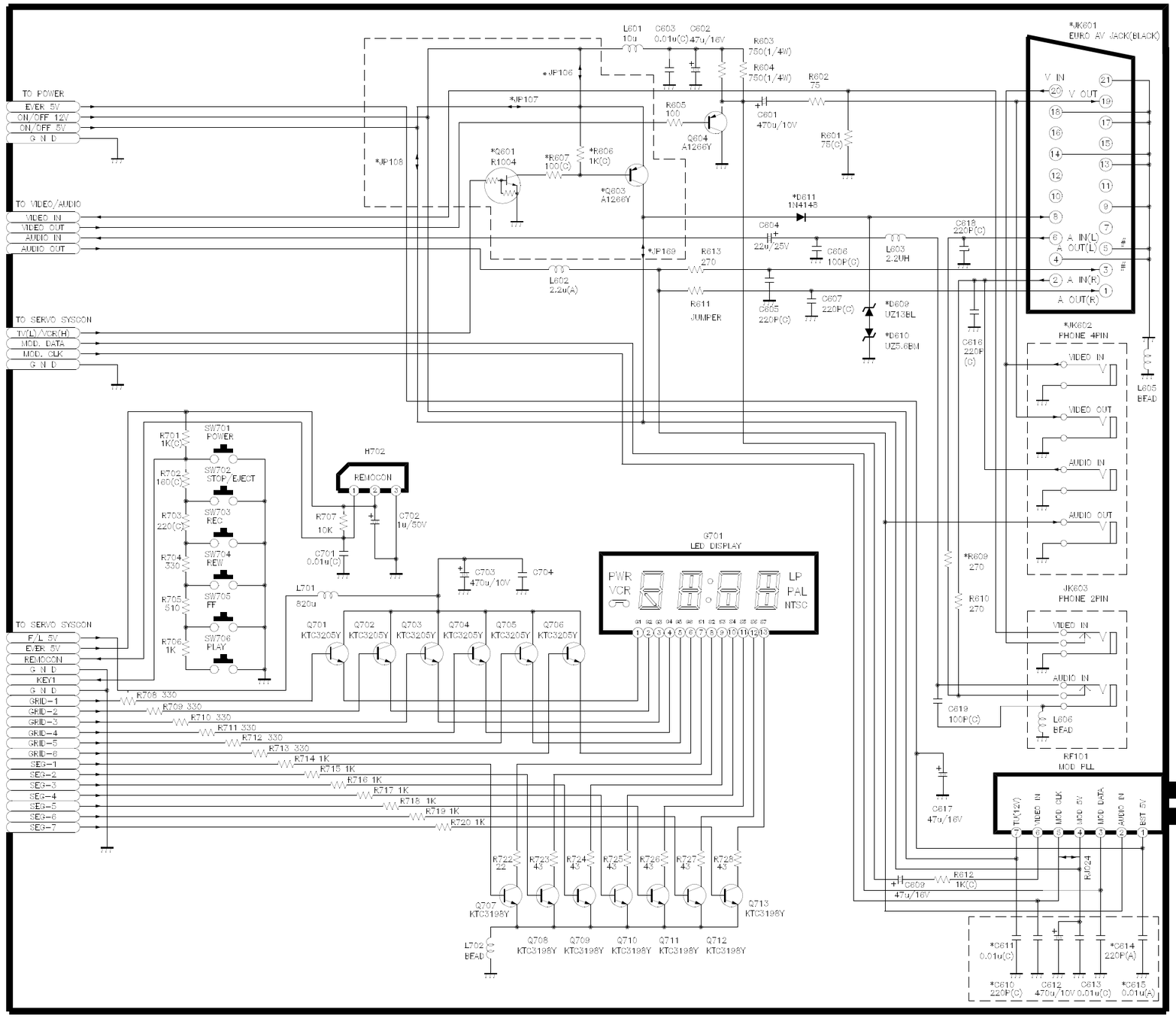
3. SERVO SYSCON CIRCUIT



OPTION		SYSTEM SELECT				
SYSTEM		DRUM	R583	R554	C583	R572
S103W	PHONE	PAL LP (40/40)	X	JUMP	X	39K
	SCART		10K	4.7K	0.01u	
S103A	PHONE	PAL LP (40/40)	10K	7.5K	0.01u	
S103	PHONE	NTSC EP (31/31)	10K	X	0.01u	36K
S103N						

	R512	R513	C513
A.REPT NO LIMIT	10K	X	0.01u
A.REPT 10 LIMIT	X	JUMP	X

4. AV INPUT OUTPUT CIRCUIT

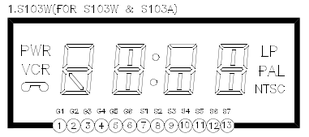


* SYSTEM OPTION TABLE

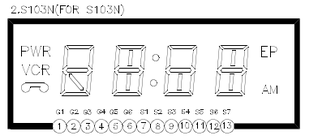
LOCATION	EUROPE PHONE	EUROPE SCART	NTSC
JP106	X	O	X
JP107	X	X	O
JP169	X	X	O
JP108	O	O	X
D609	X	O	X
D610	X	O	X
D611	X	O	X
Q601	X	O	O
Q603	X	O	O
R606	X	O	O
R607	X	O	O
R609	X	O	X
JK601	X	O	X
JK602	O	X	O
RF101	PAL	PAL	NTSC
C614	O	O	X
C615	O	O	X
RJ024	X	X	O
G701	S103W	S103W	S103N

* G701(LEDDISPLAY OPTION)

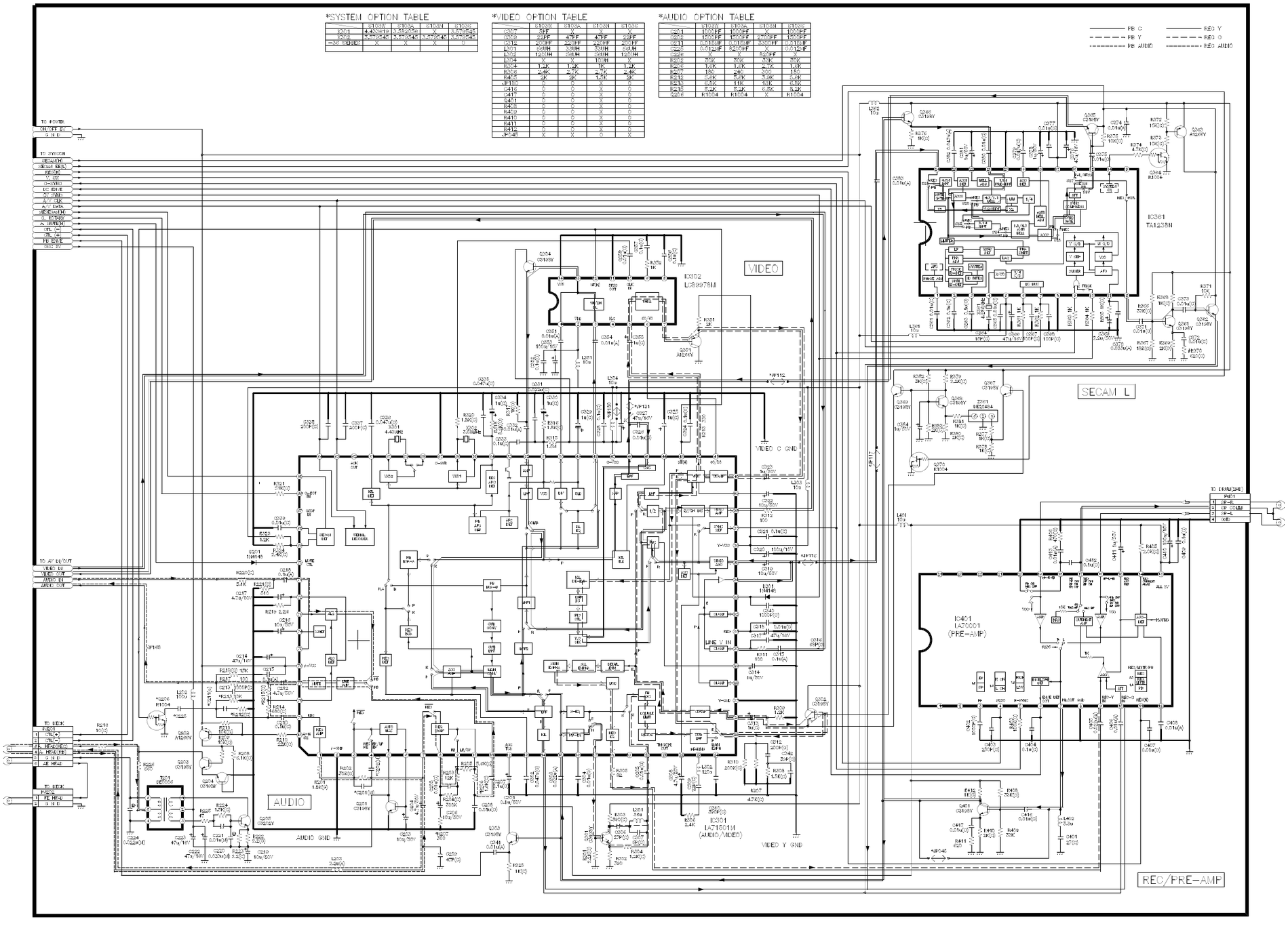
1.S103W(FOR S103W & S103A)



2.S103N(FOR S103N)



5. VIDEO AUDIO CIRCUIT



ELECTRICAL PARTS LIST

✔ Caution : In this Service Manual, some parts can be changed for improving, their performance without notice in the parts list. So, if you need the latest parts information, please refer to PPL(Parts Price List) in Service information Center(http://svc.dwe.co.kr)

1. PCB MAIN AS

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
C201	CMXM2A102J	C MYLAR	100V 1000PF J (TP)	AUDIO
C202	CMXM2A152J	C MYLAR	100V 1500PF J (TP)	AUDIO
C203	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	AUDIO
C204	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7	AUDIO
C205	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	AUDIO
C206	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	AUDIO
C207	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012	AUDIO
C208	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	AUDIO
C209	HCLK470JCA	C CHIP CERA	50V SL 47PF J 2012	AUDIO
C210	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012	AUDIO
C211	HCBK153KCA	C CHIP CERA	50V X7R 0.015MF K 2012	AUDIO
C212	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7	AUDIO
C213	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	AUDIO
C214	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	AUDIO
C215	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	AUDIO
C216	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	AUDIO
C217	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7	AUDIO
C218	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	AUDIO
C219	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	AUDIO
C220	CMXM2A333J	C MYLAR	100V 0.033MF J (TP)	AUDIO
C221	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)	AUDIO
C222	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	AUDIO
C223	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	AUDIO
C224	CMXM2A223J	C MYLAR	100V 0.022MF J TP	AUDIO
C225	HCBK123KCA	C CHIP CERA	50V X7R 0.012MF K 2012	AUDIO
C301	CEXF1H108A	C ELECTRO	50V RSM 0.1MF 4X7	VIDEO
C302	HCBK473KCA	C CHIP CERA	50V X7R 0.047MF K 2012	VIDEO
C303	CBZF1E223Z	C CERA SEMI	25V Y5V 0.022MF Z	VIDEO
C304	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	VIDEO
C305	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	VIDEO
C306	HCLK270JCA	C CHIP CERA	50V SL 27PF J 2012	VIDEO
C307	HCLK509CCA	C CHIP CERA	50V SL 5PF C 2012	VIDEO
C308	CEXF1H479A	C ELECTRO	50V RSM 4.7MF (4X7) TP	VIDEO
C309	HCLK220JCA	C CHIP CERA	50V SL 22PF J 2012	VIDEO
C310	HCLK391JCA	C CHIP CERA	50V SL 390PF J 2012	VIDEO
C312	HCLK201JCA	C CHIP CERA	50V SL 200PF J 2012	VIDEO
C313	HCTAF109MB	C CHIP TANTAL	16V 1MF M 3216	VIDEO
C314	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	VIDEO
C315	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	VIDEO
C316	HCLK680JCA	C CHIP CERA	50V SL 68PF J 2012	VIDEO
C317	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	VIDEO
C318	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	VIDEO
C319	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	VIDEO
C320	CEXF1A101A	C ELECTRO	10V RSM 100MF 6.3X7	VIDEO
C321	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	VIDEO
C322	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	VIDEO
C323	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	VIDEO
C324	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	VIDEO

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
C325	HCTAF109MB	C CHIP TANTAL	16V 1MF M 3216	VIDEO
C326	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	VIDEO
C327	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	VIDEO
C328	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	VIDEO
C329	HCTAF109MB	C CHIP TANTAL	16V 1MF M 3216	VIDEO
C330	HCTAF109MB	C CHIP TANTAL	16V 1MF M 3216	VIDEO
C331	HCBK223KCA	C CHIP CERA	50V X7R 0.022MF K 2012	VIDEO
C332	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	VIDEO
C333	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012	VIDEO
C334	HCTAF109MB	C CHIP TANTAL	16V 1MF M 3216	VIDEO
C335	HCBK473KCA	C CHIP CERA	50V X7R 0.047MF K 2012	VIDEO
C336	HCBK473KCA	C CHIP CERA	50V X7R 0.047MF K 2012	VIDEO
C337	HCLK201JCA	C CHIP CERA	50V SL 200PF J 2012	VIDEO
C338	HCLK201JCA	C CHIP CERA	50V SL 200PF J 2012	VIDEO
C339	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	VIDEO
C340	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	VIDEO
C341	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	VIDEO
C342	HCLK390JCA	C CHIP CERA	50V SL 39PF J 2012	VIDEO
C351	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	VIDEO
C352	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012	VIDEO
C353	CEXF1A101A	C ELECTRO	10V RSM 100MF 6.3X7	VIDEO
C354	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	VIDEO
C355	HCTAF109MB	C CHIP TANTAL	16V 1MF M 3216	VIDEO
C356	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012	VIDEO
C357	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012	VIDEO
C358	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	VIDEO
C401	HCLK270JCA	C CHIP CERA	50V SL 27PF J 2012	VIDEO
C402	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	VIDEO
C403	HCLK201JCA	C CHIP CERA	50V SL 200PF J 2012	VIDEO
C404	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	VIDEO
C405	CBZF1E223Z	C CERA SEMI	25V Y5V 0.022MF Z	VIDEO
C406	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	VIDEO
C407	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	VIDEO
C408	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	VIDEO
C409	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	VIDEO
C410	CEXF1A101A	C ELECTRO	10V RSM 100MF 6.3X7	VIDEO
C411	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	VIDEO
C412	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012	VIDEO
C413	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	VIDEO
C416	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	VIDEO
C417	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	VIDEO
C501	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	SERVO
C502	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C503	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	SERVO
C504	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	SERVO
C505	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C506	CCZB1H102K	C CERA	50V B 1000PF K	SERVO
C507	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	SERVO

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
C508	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	SERVO
C509	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	SERVO
C510	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	SERVO
C511	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	SERVO
C512	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	SERVO
C513	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	SERVO
C514	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	SERVO
C515	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C516	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	SERVO
C517	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C518	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	SERVO
C519	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	SERVO
C520	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	SERVO
C521	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	SERVO
C522	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C523	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C524	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	SERVO
C525	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	SERVO
C526	CBZF1E223Z	C CERA SEMI	25V Y5V 0.022MF Z	SERVO
C527	CBZF1E223Z	C CERA SEMI	25V Y5V 0.022MF Z	SERVO
C528	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	SERVO
C529	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	SERVO
C530	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	SERVO
C531	HCQK120JCA	C CHIP CERA	50V CH 12PF J 2012	SERVO
C532	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	SERVO
C533	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7	SERVO
C534	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	SERVO
C535	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	SERVO
C536	CCZB1H101K	C CERA	50V B 100PF K	SERVO
C538	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C539	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C540	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C541	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C542	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C543	HCQK240JCA	C CHIP CERA	50V CH 24PF J 2012	SERVO
C544	HCQK240JCA	C CHIP CERA	50V CH 24PF J 2012	SERVO
C545	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	SERVO
C546	HCTAF109MB	C CHIP TANTAL	16V 1MF M 3216	SERVO
C547	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	SERVO
C548	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	SERVO
C549	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	SERVO
C550	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012	SERVO
C551	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C552	CEXF1H470V	C ELECTRO	50V RSS 47MF (6.3X11) TP	SERVO
C553	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C554	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	SERVO
C555	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C556	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	SERVO
C557	HCBK102KCA	C CHIP CERA	50V X7R 1000PF K 2012	SERVO
C558	HCLK101JCA	C CHIP CERA	50V SL 100PF J 2012	SERVO

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
C559	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	SERVO
C560	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	SERVO
C601	CEXF1A471V	C ELECTRO	10V RSS 470MF 8X11.5	AV IN/OUT
C602	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	AV IN/OUT
C603	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	AV IN/OUT
C604	CEXF1E220A	C ELECTRO	25V RSM 22MF 6.3X7	AV IN/OUT
C606	HCLK101JCA	C CHIP CERA	50V SL 100PF J 2012	AV IN/OUT
C607	HCLK471JCA	C CHIP CERA	50V SL 470PF J 2012	AV IN/OUT
C609	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	AV IN/OUT
C610	HCLK221JCA	C CHIP CERA	50V SL 220PF J 2012	AV IN/OUT
C611	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	AV IN/OUT
C612	CEXF1A471V	C ELECTRO	10V RSS 470MF 8X11.5	AV IN/OUT
C613	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	AV IN/OUT
C614	CCZB1H221K	C CERA	50V B 220PF K	AV IN/OUT
C615	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	AV IN/OUT
C617	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	AV IN/OUT
C619	HCLK101JCA	C CHIP CERA	50V SL 100PF J 2012	AV IN/OUT
C701	HCBK103KCA	C CHIP CERA	50V X7R 0.01MF K 2012	AV IN/OUT
C702	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	AV IN/OUT
C703	CEXF1A471V	C ELECTRO	10V RSS 470MF 8X11.5	AV IN/OUT
C704	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012	AV IN/OUT
C801	CL1EE3104M	C LINE ACROSS	AC275V 0.1MF M PCX2 335 W	POWER
C802	CH1CFE472M	C CERA AC	4.0KV 4700PF M DE AC250V	POWER
C803	CEXF2G470V	C ELECTRO	400V RSS 47MF	POWER
C804	CH1TFB101K	C CERA AC	4.0KV 100PF K AD AC250V	POWER
C805	CH1TFE222M	C CERA AC	4.0KV 2200PF M AD AC250V	POWER
C806	CEXF1E331V	C ELECTRO	25V RSS 330MF (10X12.5)TP	POWER
C807	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	POWER
C808	CEXF1A102V	C ELECTRO	10V RSS 1000MF (10X16) TP	POWER
C809	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	POWER
C810	CEXF1V101V	C ELECTRO	35V RSS 100MF (8X11.5) TP	POWER
C811	CEXF1A471V	C ELECTRO	10V RSS 470MF 8X11.5	POWER
C812	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	POWER
C813	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	POWER
C814	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	POWER
C815	HCFK104ZCA	C CHIP CERA	50V Y5V 0.1MF Z 2012	POWER
D201	DZN4148---	DIODE	1N4148 AUTO 52MM	AUDIO
D301	DZN4148---	DIODE	1N4148 AUTO 52MM	VIDEO
D501	DS1R481T--	LED IR	SIR-48IT(P-RANK)	SERVO
D501A	97S2302200	HOLDER LED	ABS	SERVO
D502	DZN4003---	DIODE	IN4003(DAEBO)	SERVO
D503	DZUZ8R2BSC	DIODE ZENER	UZ-8.2BSC(8.07-8.41)	SERVO
D504	DZUZ6R2BSC	DIODE ZENER	UZ-6.2BSC(6.16-6.40)	SERVO
D505	DZN4148---	DIODE	1N4148 AUTO 52MM	SERVO
D506	DZN4148---	DIODE	1N4148 AUTO 52MM	SERVO
D507	DZN4148---	DIODE	1N4148 AUTO 52MM	SERVO
D508	DZUZ6R8BSC	DIODE ZENER	UZ-6.8BSC(7.33-7.64)	SERVO
D509	DZN4003---	DIODE	IN4003(DAEBO)	SERVO
D510	DZN4003---	DIODE	IN4003(DAEBO)	SERVO
D511	DZN4003---	DIODE	IN4003(DAEBO)	SERVO

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
D801	DS1WBA60-C	DIODE BRIDGE	S1WBA60 4072 CHIP	POWER
D802	DZN4148---	DIODE	1N4148 AUTO 52MM	POWER
D803	DZUZ18BSC-	DIODE ZENER	UZ-18BSC(17.51-18.30)	POWER
D804	DUG2D-----	DIODE	UG2D	POWER
D805	DZN4148---	DIODE	1N4148 AUTO 52MM	POWER
D806	DUG2D-----	DIODE	UG2D	POWER
D807	DUF4007L--	DIODE	UF4007L-5700 1000V 1A	POWER
D808	DZN4148---	DIODE	1N4148 AUTO 52MM	POWER
D809	DZN4148---	DIODE	1N4148 AUTO 52MM	POWER
D810	DZN4003---	DIODE	IN4003(DAEBO)	POWER
F801	5FGB2022L	FUSE CERA	KS 2A 250V	POWER
F801A	97P460170P	CLIP FUSE	PFC5000-0702	POWER
F801B	97P460170P	CLIP FUSE	PFC5000-0702	POWER
G701	DS103W----	LED DISPLAY	S103W 13P ANGLE	AV IN/OUT
H702	1GP1U291U-	IC UNIT R/RECEIVER	GP1U291U(38KHZ)	VIDEO
IC301	1LA71501BM	IC AV MULTI ONE CHIP	LA71501BM	VIDEO
IC302	1LC89978M-	IC CCD	LC89978M	VIDEO
IC401	1LA70001--	IC PREAMP	LA70001 (2HD)	VIDEO
IC501	199KS1ZPSS	IC MICOM	KS88C8016(S103W)	SERVO
IC502	1KA7542Z--	IC SWITCH RESET	KA7542Z	SERVO
IC503	1KA3082---	IC DRIVER	KA3082	SERVO
IC504	1MC4558C--	IC OP AMP	MC4558C(KA4558)	SERVO
IC505	124LC04B--	IC MEMORY	24LC04B	SERVO
IC801	1KA78R12--	IC REGULATOR	KA78R12	POWER
IC802	1KA78R05TU	IC REGULATOR	KA78R05TU (5V)	POWER
IC803	1PQ30RV31-	IC REGULATOR	PQ30RV31	POWER
JK602	97P6313600	JACK PIN (4P)	DPAM-9640	AV IN/OUT
JK603	97P6314700	JACK PIN	DPAS-9224	AV IN/OUT
JK801	97P6310800	JACK DC	YSC-1535	POWER
L202	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)	AUDIO
L203	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	AUDIO
L301	5CPX560J--	COIL PEAKING	56UH J (RADIAL)	VIDEO
L302	5CPX121J--	COIL PEAKING	120UH J (RADIAL)	VIDEO
L303	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)	VIDEO
L351	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)	VIDEO
L361	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)	VIDEO
L362	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)	VIDEO
L401	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)	VIDEO
L402	5CPX339K--	COIL PEAKING	3.3UH K (RADIAL)	VIDEO
L501	5PB13857--	COIL BEAD	BI3857(AXIAL)	SERVO
L601	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)	AV IN/OUT
L602	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	AV IN/OUT
L603	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
L604	HRF8000-EA	R CHIP	1/10 0 OHM 3216	
L701	56C821K696	COIL CHOKE	820MH K	AV IN/OUT
L702	5PB13857--	COIL BEAD	BI3857(AXIAL)	AV IN/OUT
L801	5PLFSF2120	FILTER LINE	SF-2120 40MH	
L802	5PLFSF2120	FILTER LINE	SF-2120 40MH	POWER
M401	97PB239600	CASE PREAMP AS	DV-S104N	VIDEO
M402	97P0473700	COVER SHI P/A	ET T0.3	VIDEO

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
M803A	97P4408100	RADIATOR TR	AL UL/CSA	POWER
M803B	7173300811	SCREW TAPPTITE	TT2 BIN 3X8 MFZN	POWER
P401	97P62Y1044	CONN FPC	FCZ 125R(BLACK15MM)-04P	VIDEO
P501	97P62T112A	CONN B/B (PLUG)	TKC-GP PLUG 10P	SERVO
P502	97P62T1126	CONN B/B (PLUG)	TKC-GP PLUG 6P	SERVO
P503	97P62T13B2	CONN B/B	TMC-A,S0CKET,2.0MM,2P	SERVO
P504	97P62T12A5	CONN B/B	TAS-X,RECEP2.5MM,5P	SERVO
P801A	97P62Y02X2		YFW800 STR	
PJ201	97P8811614	CONN AS	6H-6S 140MM SHIELD	AUDIO
PJ202	97P8851210	CONN AS (Y51210)	2H-2S 100MM	AUDIO
PT01	97P6269000	CONN WAFER	00-8283-0612-00000	SERVO
PW01	PVPCSWN398	POWER CORD AS	KKP-419C(HOU.23101-Y04H4)	POWER
Q201	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	AUDIO
Q202	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)	AUDIO
Q203	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	AUDIO
Q204	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	AUDIO
Q205	TZTC3202Y-	TR	KTC3202Y (AUTO)(1959Y)	AUDIO
Q206	TZSR1004--	TR	KSR1004 (AUTO)	AUDIO
Q301	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	VIDEO
Q302	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	VIDEO
Q303	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	VIDEO
Q304	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	VIDEO
Q351	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)	VIDEO
Q401	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	VIDEO
Q501	TZSR1004--	TR	KSR1004 (AUTO)	SERVO
Q502	TZSR2002--	TR	KSR2002 (AUTO)	SERVO
Q503	TZTA1273Y-	TR	KTA1273Y(966Y)	SERVO
Q504	TZSR1004--	TR	KSR1004 (AUTO)	SERVO
Q604	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)	AV IN/OUT
Q701	TZTC3205Y-	TR	KTC3205Y (2236Y)	AV IN/OUT
Q702	TZTC3205Y-	TR	KTC3205Y (2236Y)	AV IN/OUT
Q703	TZTC3205Y-	TR	KTC3205Y (2236Y)	AV IN/OUT
Q704	TZTC3205Y-	TR	KTC3205Y (2236Y)	AV IN/OUT
Q705	TZTC3205Y-	TR	KTC3205Y (2236Y)	AV IN/OUT
Q706	TZTC3205Y-	TR	KTC3205Y (2236Y)	AV IN/OUT
Q707	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	AV IN/OUT
Q708	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	AV IN/OUT
Q709	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	AV IN/OUT
Q710	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	AV IN/OUT
Q711	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	AV IN/OUT
Q712	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	AV IN/OUT
Q713	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)	AV IN/OUT
Q801	TZSR1004--	TR	KSR1004 (AUTO)	POWER
Q802	TZSR1001--	TR	KSR1001+D208 (AUTO)	POWER
R201	RD-AZ182G-	R CARBON FILM	1/6 1.8K OHM G	AUDIO
R202	HRFT303JCA	R CHIP	1/10 30K OHM J 2012	AUDIO
R203	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J	AUDIO
R204	HRFT304JCA	R CHIP	1/10 300K OHM J 2012	AUDIO
R205	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012	AUDIO
R206	HRFT162JCA	R CHIP	1/10 1.6K OHM J 2012	AUDIO

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
R207	HRFT301JCA	R CHIP	1/10 300 OHM J 2012	AUDIO
R208	HRFT512JCA	R CHIP	1/10 5.1K OHM J 2012	AUDIO
R209	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	AUDIO
R210	HRFT223JCA	R CHIP	1/10 22K OHM J 2012	AUDIO
R211	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	AUDIO
R212	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012	AUDIO
R213	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	AUDIO
R214	HRFT681JCA	R CHIP	1/10 680 OHM J 2012	AUDIO
R215	HRFT822JCA	R CHIP	1/10 8.2K OHM J 2012	AUDIO
R216	HRFT100JCA	R CHIP	1/10 10 OHM J 2012	AUDIO
R217	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	AUDIO
R218	HRFT153JCA	R CHIP	1/10 15K OHM J 2012	AUDIO
R219	RD-AZ225J-	R CARBON FILM	1/6 2.2M OHM J	AUDIO
R220	HRFT513JCA	R CHIP	1/10 51K OHM J 2012	AUDIO
R221	HRFT512JCA	R CHIP	1/10 5.1K OHM J 2012	AUDIO
R222	HRFT229JCA	R CHIP	1/10 2.2 OHM J 2012	AUDIO
R223	HRFT229JCA	R CHIP	1/10 2.2 OHM J 2012	AUDIO
R224	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012	AUDIO
R225	RD-AZ470J-	R CARBON FILM	1/6 47 OHM J	AUDIO
R226	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	AUDIO
R301	HRFT222JCA	R CHIP	1/10 2.2K OHM J 2012	VIDEO
R302	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	VIDEO
R303	HRFT391JCA	R CHIP	1/10 390 OHM J 2012	VIDEO
R304	HRFT122JCA	R CHIP	1/10 1.2K OHM J 2012	VIDEO
R305	RD-AZ820J-	R CARBON FILM	1/6 82 OHM J	VIDEO
R306	RD-AZ242J-	R CARBON FILM	1/6 2.4K OHM J	VIDEO
R307	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	VIDEO
R308	HRFT152JCA	R CHIP	1/10 1.5K OHM J 2012	VIDEO
R309	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	VIDEO
R310	HRFT204JCA	R CHIP	1/10 200K OHM J 2012	VIDEO
R311	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	VIDEO
R312	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	VIDEO
R313	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	VIDEO
R315	RD-AZ155J-	R CARBON FILM	1/6 1.5M OHM J	VIDEO
R316	HRFT182JCA	R CHIP	1/10 1.8K OHM J 2012	VIDEO
R317	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	VIDEO
R318	HRFT822JCA	R CHIP	1/10 8.2K OHM J 2012	VIDEO
R320	HRFT182JCA	R CHIP	1/10 1.8K OHM J 2012	VIDEO
R321	HRFT513JCA	R CHIP	1/10 51K OHM J 2012	VIDEO
R323	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	VIDEO
R324	HRFT242JCA	R CHIP	1/10 2.4K OHM J 2012	VIDEO
R325	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	VIDEO
R351	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J	VIDEO
R352	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	VIDEO
R403	HRFT104JCA	R CHIP	1/10 100K OHM J 2012	VIDEO
R405	HRFT202JCA	R CHIP	1/10 2K OHM J 2012	VIDEO
R406	HRFT471JCA	R CHIP	1/10 470 OHM J 2012	VIDEO
R408	HRFT333JCA	R CHIP	1/10 33K OHM J 2012	VIDEO
R409	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	VIDEO
R410	HRFT202JCA	R CHIP	1/10 2K OHM J 2012	VIDEO
R411	RD-AZ621J-	R CARBON FILM	1/6 620 OHM J	VIDEO

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
R412	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	VIDEO
R501	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R502	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R503	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R504	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R505	HRFT273JCA	R CHIP	1/10 27K OHM J 2012	SERVO
R506	RD-AZ201J-	R CARBON FILM	1/6 200 OHM J	SERVO
R507	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	SERVO
R508	RD-AZ201J-	R CARBON FILM	1/6 200 OHM J	SERVO
R509	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R510	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	SERVO
R511	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R512	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R513	85801060TA	WIRE COPPER	0.6X52MM TAPING	SERVO
R514	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R515	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R516	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R517	RD-AZ301J-	R CARBON FILM	1/6 300 OHM J	SERVO
R518	RD-AZ301J-	R CARBON FILM	1/6 300 OHM J	SERVO
R519	RD-AZ304J-	R CARBON FILM	1/6 300K OHM J	SERVO
R520	RD-AZ304J-	R CARBON FILM	1/6 300K OHM J	SERVO
R521	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	SERVO
R522	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R523	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R524	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R525	RD-AZ363J-	R CARBON FILM	1/6 36K OHM J	SERVO
R526	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	SERVO
R527	RD-AZ470J-	R CARBON FILM	1/6 47 OHM J	SERVO
R528	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R529	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J	SERVO
R530	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J	SERVO
R531	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R532	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	SERVO
R533	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	SERVO
R534	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R535	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R536	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R537	HRFT391JCA	R CHIP	1/10 390 OHM J 2012	SERVO
R538	HRFT221JCA	R CHIP	1/10 220 OHM J 2012	SERVO
R539	HRFT562JCA	R CHIP	1/10 5.6K OHM J 2012	SERVO
R540	HRFT105JCA	R CHIP	1/10 1M OHM J 2012	SERVO
R541	HRFT752JCA	R CHIP	1/10 7.5K OHM J 2012	SERVO
R542	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	SERVO
R543	HRFT752JCA	R CHIP	1/10 7.5K OHM J 2012	SERVO
R544	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	SERVO
R545	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	SERVO
R546	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	SERVO
R547	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R548	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R549	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	SERVO
R550	HRFT912JCA	R CHIP	1/10 9.1K OHM J 2012	SERVO

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
R551	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	SERVO
R552	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	SERVO
R553	HRFT474JCA	R CHIP	1/10 470K OHM J 2012	SERVO
R554	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	SERVO
R555	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R556	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	SERVO
R557	HRFT153JCA	R CHIP	1/10 15K OHM J 2012	SERVO
R558	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	SERVO
R559	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J	SERVO
R560	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J	SERVO
R561	HRFT103JCA	R CHIP	1/10 10K OHM J 2012	SERVO
R562	RS02F100J-	R M-OXIDE FILM	2W 10 OHM J	SERVO
R563	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	SERVO
R564	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R565	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	SERVO
R566	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	SERVO
R567	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	SERVO
R568	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	SERVO
R569	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	SERVO
R570	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	SERVO
R571	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	SERVO
R572	HRFT393JCA	R CHIP	1/10 39K OHM J 2012	SERVO
R573	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R574	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	SERVO
R575	RD-AZ753J-	R CARBON FILM	1/6 75K OHM J	SERVO
R576	HRFT301JCA	R CHIP	1/10 300 OHM	SERVO
R577	HRFT473JCA	R CHIP	1/10 47K OHM J 2012	SERVO
R578	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	SERVO
R579	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	SERVO
R584	85801060TA	WIRE COPPER	0.6X52MM TAPING	SERVO
R591	RV5426104M	R SEMI FIXED	H100K-5X3-6Y-PC-MS	SERVO
R601	HRFT750JCA	R CHIP	1/10 75 OHM J 2012	AV IN/OUT
R602	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J	AV IN/OUT
R603	RD-4Z751J-	R CARBON FILM	1/4 750 OHM J	AV IN/OUT
R604	RD-4Z751J-	R CARBON FILM	1/4 750 OHM J	AV IN/OUT
R605	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	AV IN/OUT
R608	85801060TA	WIRE COPPER	0.6X52MM TAPING	AV IN/OUT
R609	RD-AZ271J-	R CARFILM	1/6 270 OHM	AV IN/OUT
R610	RD-AZ271J-	R CARFILM	1/6 270 OHM	AV IN/OUT
R611	HRF8000-EA	R CHIP	1/8 0 OHM 3216	AV IN/OUT
R612	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	AV IN/OUT
R613	RD-AZ271J-	R CARFILM	1/6 270 OHM	AV IN/OUT
R701	HRFT102JCA	R CHIP	1/10 1K OHM J 2012	AV IN/OUT
R702	HRFT161JCA	R CHIP	1/10 160 OHM J 2012	AV IN/OUT
R703	HRFT221JCA	R CHIP	1/10 220 OHM J 2012	AV IN/OUT
R704	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	AV IN/OUT
R705	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	AV IN/OUT
R706	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	AV IN/OUT
R707	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	AV IN/OUT
R708	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	AV IN/OUT

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
R709	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	AV IN/OUT
R710	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	AV IN/OUT
R711	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	AV IN/OUT
R712	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	AV IN/OUT
R713	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	AV IN/OUT
R714	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	AV IN/OUT
R715	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	AV IN/OUT
R716	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	AV IN/OUT
R717	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	AV IN/OUT
R718	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	AV IN/OUT
R719	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	AV IN/OUT
R720	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	AV IN/OUT
R722	RD-AZ220J-	R CARBON FILM	1/6 22 OHM J	AV IN/OUT
R723	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J	AV IN/OUT
R724	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J	AV IN/OUT
R725	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J	AV IN/OUT
R726	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J	AV IN/OUT
R727	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J	AV IN/OUT
R728	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J	AV IN/OUT
R801	RW02B229J-	R WIRE WOUND	2W 2.2 OHM J	POWER
R802	RC-2Z565K0	R CARBON COMP	1/2 5.6M OHM K	POWER
R803	RC-2Z565K0	R CARBON COMP	1/2 5.6M OHM K	POWER
R804	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	POWER
R805	HRFT681GCA	R CHIP	1/10W 680 OHM G 2012	POWER
R806	RD-AZ102G-	R CARBON FILM	1/6 1K OHM G	POWER
R807	HRFT391GCA	R CHIP	1/10W 390 OHM G 2012	POWER
R808	RS02F621JS	R M-OXIDE FILM	2W 620	POWER
RF101	97P7213100	MODULATOR RF	RMUP73655VA	AV IN/OUT
S501	TST5811---	SENSOR REEL	ST-5811	SERVO
S501A	97S2302100	HOLDER REEL SENSOR	POM	SERVO
S502	TST5811---	SENSOR REEL	ST-5811	SERVO
S502A	97S2302100	HOLDER REEL SENSOR	POM	SERVO
S503	TRPT38PB3F	TR PHOTO	RPT-38PB3F	SERVO
S503A	97P2342100	HOLDER P/T	ABS(HF-06601)	SERVO
S504	TRPT38PB3F	TR PHOTO	RPT-38PB3F	SERVO
S504A	97P2342100	HOLDER P/T	ABS(HF-06601)	SERVO
S505	5S70101059	SW DETECTOR	SPPB62	SERVO
SW701	5S50101Z97	SW TACT	SKHV10914B 9.5M AUTO	AV IN/OUT
SW702	5S50101Z97	SW TACT	SKHV10914B 9.5M AUTO	AV IN/OUT
SW703	5S50101Z97	SW TACT	SKHV10914B 9.5M AUTO	AV IN/OUT
SW704	5S50101Z97	SW TACT	SKHV10914B 9.5M AUTO	AV IN/OUT
SW705	5S50101Z97	SW TACT	SKHV10914B 9.5M AUTO	AV IN/OUT
SW706	5S50101Z97	SW TACT	SKHV10914B 9.5M AUTO	AV IN/OUT
T201	560202L692	COIL OSC	DEO-006	AUDIO
U101	97P65211MA	PCB MAIN	330X246X1.6T(S103D)	
VD801	DSVC471D14	VARISTOR	SVC471D14A	POWER
VD802	DSVC471D14	VARISTOR	SVC471D14A	POWER
X301	5XE4R433BB	CRYSTAL QUARTZ	HC-49/U 4.433619MHZ 15PPM	VIDEO
X302	5XE3R579BB	CRYSTAL QUARTZ	HC-49/U 3.579545MHZ 15PPM	VIDEO
X501	5XJ8R000AE	CRYSTAL QUARTZ	HC-49/S 8.000000MHZ 30PPM	SERVO
0M801	PVPWSWW063	AUTO VOLT REGULATOR	S103WY-QB/D(F13-S,M-IN)	POWER

2. PCB AUTO VOLT REGULATOR AS

REF.	PART CODE	PART NAME	PART DESCRIPTION	CIRCUIT
0M801	PVPWSWW063	AUTO VOLT REGULATOR	S103WY-QB/D(F13-S,M-IN)	
C11	HCBK223KCA	C CHIP CERA	50V X7R 0.022MF K 2012	POWER
C13	CEXF1H220F	C ELECTRO	50V RX 22MF 6.3X11	POWER
C19	CCXB3A102K		1KV 1000PF	POWER
C20	CBXB3A470J	C CERA SEMI	1KV SL 47PF J HR	POWER
C21	CEXF1A102D	C ELECTRO	10V RZ 1000MF 10X20	POWER
C22	CEXF1A101F	C ELECTRO	10V RX 100MF 6.3X11	POWER
C23	CEXF1E471F	C ELECTRO	25V RX 470MF 10X20	POWER
C24	CEXF1E101F	C ELECTRO	25V RX 100MF 8X11.5	POWER
C25	HCBK104KCA	C CHIP CERA	50V X7R 0.1MF K 2012	POWER
CN11	97P6284000	CONN WAFER	YFAW025-105 ANGLE 3.5X4.5	POWER
CN21	97P6284000	CONN WAFER	YFAW025-105 ANGLE 3.5X4.5	POWER
D11	DZEG01C---	DIODE	EG01C	POWER
D12	DZEU01Z---	DIODE	EU01Z	POWER
D21	D31DQ09--F	DIODE SCHOTTKY	31DQ09-FC5	POWER
D21A	56X0000008	COIL BEAD	OP5*5*2.5H	POWER
D22	DS2L20U--F	DIODE	S2L20U 4004 P15	POWER
D22A	56X0000008	COIL BEAD	OP5*5*2.5H	POWER
DZ11	DZP6KE250A		P6KE250A	
IC11	1KA1L0380R	IC POWER SW	KA1L0380RB-YDTU	POWER
IC21	1KA431AZ--	IC REGULATOR	KA431AZ	POWER
L12	56X0000007	COIL BEAD	BI-4865(5TS) BASE	POWER
L21	56C220K695	COIL CHOKE(CAP TYPE)	22UH K (CAP TYPE) 9X11.1	POWER
L22	56C220K686	COIL CHOKE	22UH K 27.5X0.4D	POWER
M801A	97PC316600	COVER SHI SMPS AS	DV-S103	POWER
M801B	97P0970501	PLATE SHI SMPS	ET T=0.5	POWER
M801C	97P5603700	INSULATION SMPS	PC T0.5	POWER
PC11	1PC123FY8-	IC PHOTO COUPLER	PC123FY8 CTR100-200	POWER
R11	RD-4Z100JS	R CARBON FILM	1/4 10 OHM J SMALL	POWER
R13	RS02F334JS		2W 330K OHM	POWER
R14	RD-2Z124JS	R CARBON FILM	1/2 120K OHM J SMALL	POWER
R15	RD-2Z124JS	R CARBON FILM	1/2 120K OHM J SMALL	POWER
R21	RS02F122JS	R M-OXIDEFILM	2W 1.2K OHM J SMALL	POWER
R22	HRFT391JCA	R CHIP	1/10 390 OHM J 2012	POWER
R23	HRFT472JCA	R CHIP	1/10 4.7K OHM J 2012	POWER
R24	HRFT122GCA	R CHIP	1/10W 1.2K OHM G 2012	POWER
R25	HRFT181GCA	R CHIP	1/10 180 OHM G 2012	POWER
R26	HRFT102GCA	R CHIP	1/10 1K OHM G 2012	POWER
RJ01	HRF8000-EA	R CHIP	1/8 0 OHM 3216	POWER
RJ02	HRF8000-EA	R CHIP	1/8 0 OHM 3216	POWER
RJ03	HRF8000-EA	R CHIP	1/8 0 OHM 3216	POWER
RJ04	HRF8000-EA	R CHIP	1/8 0 OHM 3216	POWER
RJ05	HRF8000-EA	R CHIP	1/8 0 OHM 3216	POWER
T11	57M8282202	TRANS SMPS	TSW-S103	POWER
U801	97P65211PA	PCB POWER	197X197X1.6T/6(S103)	POWER

3. DIFFERNCE PARTS LIST

FEATURE	MODEL	DV-S103WY-QB/D	DV-S123W-QB/E	DV-S103A-QB	DV-S103NY-QD/A
POWER		AC 90V ~ 260V 50/60Hz 14W, DC12V(2A)	AC 90V ~ 260V 50/60Hz 14W, DC12V(2A)	AC 90V ~ 260V 50/60Hz 14W, DC12V(2A)	AC 90V ~ 260V 50/60Hz 14W, DC12V(2A)
DECK		S2-MECHA PAL-2HD LP(40/40) DLC	S2-MECHA PAL-2HD LP (40/40) NON DLC	S2-MECHA PAL-2HD LP(40/40) DLC	S2-MECHA NTSC-2HD EP(31/31) DLC
RF OUT SYSTEM		PAL-G/K/I(CH 22~40)	PAL-G/K/I(CH 22~40)	NTSC-M(CH 3 OR 4)	NTSC-M(3 OR 4)
IN/OUT JACK		PHONE(4PIN)	SCART	PHONE(4PIN)	PHONE(4PIN)
REC & PB COLOR SYSTEM		PAL/MESECAM/NTSC(3.58) & NTSC PB ON PAL TV	PAL/MESECAM/NTSC(3.58) & NTSC PB ON PAL TV	PAL-N/NTSC(3.58) & NTSC PB ON PAL TV	NTSC(3.58) ONLY
REC SPEED		PAL : SP/LP NTSC : SP/LP/EP	PAL : SP/LP NTSC : SP/LP/EP	PAL-N : SP/LP NTSC : SP/LP/EP	- NTSC : SP/EP
PB SPEED		PAL : SP/LP NTSC : SP/LP/EP	PAL : SP/LP NTSC : SP/LP/EP	PAL-N : SP/LP NTSC : SP/LP/EP	- NTSC : SP/LP/EP

LOC	PART-NAME	PART-CORD	PART-DESC	PART-CORD	PART-DESC	PART-CORD	PART-DESC	PART-CORD	PART-DESC
01	ACCESSORY AS	PVACPSD360	F342DY(BT:AAM)	PVACPSD360	F342DY(BT:AAM)	PVACPSA011	DVR-5088A(BT:AAM)	PVACPSN414	K828NZ-QU/A(N398-C)
D002	CABLE RF	97P880RP10	PAL 1.0M	97P880RP10	PAL 1.0M	97P880RD15	NTSC-PAL 1.5M	97P880RN10	NTSC 1.0M
D005	WARRANTY CARD	-	-	-	-	-	-	97P9407000	PAPER
D006	ADAPTER	-	-	-	-	-	-	4859000240	2015A 300V(D=4.0)
03	CHASSIS MAIN AS	PVMCASW063	S103WY-QB/D(PC0204C-)	-	S123W-QB/E	-	S103A-QB	-	S103NY-QD/A
D100	REMOCON HANDSET AS	97P1R2B300	VR-F2B3	97P1R2B300	VR-F2B3	97P1R2B302	VR-F2B3-02	97P1R2B301	VR-F2B3-01
M01	PANEL FRONT AS	97PP320300	DV-S103WY-QB/D	97PP321200	DV-S123W-QB/E	97PP320300	DV-S103WY-QB/D	97PP320300	DV-S103WY-QB/D
M1000	DECK TOTAL AS	97PC0219D-	S2-MECHA(PAL-2HD LP(40/40) DLC)	97PC0237D-	S2-MECHA(PAL-2HD LP(40/40)N-DLC)	97PC0237D-	S2-MECHA(PAL-2HD LP(40/40)N-DLC)	97PC0220D-	S2-MECHA(NTSC-2HD EP(31/31) DLC)
PW01	POWER CORD AS	PVPCSWN398	KKP-419C(HOU:23101-Y04H4)	PVPCSWN398	KKP-419C(HOU:23101-Y04H4)	97P6943110	"KKP-560N,YH396 (èáâs)"	PVPCSWN398	KKP-419C(HOU:23101-Y04H4)
001	PCB MAIN MANUAL AS	PVMPMSW063	S103WY-QB/D(E101000)	-	S103WY-QB/E	-	S103A-QB	-	S103NY-QD/A
G701	LED DISPLAY	DS103W----	S103W 13P ANGLE	DS103W----	S103W 13P ANGLE	DS103W----	S103W 13P ANGLE	DS103N----	S103N 13P ANGLE
IC505	IC MEMORY	124LC04B--	24LC04B	124LC04B-	24LC04B	-	-	-	-
JK601	JACK SCART	-	-	97P6313400	DSAM-9622(1 SCART BLACK)	-	-	-	-
JK602	JACK PIN (4P)	97P6313600	DPAM-9640	-	-	97P6313600	DPAM-9640	97P6313600	DPAM-9640
M601	BOARD ANT	97P0720100	HI-PS(HB)(4PIN + DC)	97P0721000	HI-PS(HB)(SCART + DC)	97P0720100	HI-PS(HB)(4PIN + CH3/4 + DC)	97P0720100	HI-PS(HB)(4PIN + CH3/4 + DC)
RF101	MODULATOR RF	97P7213100	RMUP73655VA(PAL-G/K/I)	97P7213100	RMUP73655VA(PAL-G/K/I)	97P7213000	HSM-3450MV1(NTSC/CH 3 OR 4)	97P7213000	HSM-3450MV1(NTSC/CH 3 OR 4)
X301	CRYSTAL QUARTZ	5XE4R433BB	HC-49/U 4.433619MHZ 15PPM	5XE4R433BB	HC-49/U 4.433619MHZ 15PPM	5XE3R582BB	HC-49/U 3.582056MHZ 15PPM	-	-
0011	PCB MAIN CHIP AS	PVMPJ1W063	S103WY-QB/D(B238700)	-	S103WY-QB/E	-	S103A-QB	-	S103NY-QD/A

LOC	PART-NAME	PART-CORD	PART-DESC	PART-CORD	PART-DESC	PART-CORD	PART-DESC	PART-CORD	PART-DESC
C211	C CHIP CERA	HCBK153KCA	50V X7R 0.0015MF K 2012	HCBK153KCA	50V X7R 0.0015MF K 2012	HCBK153KCA	50V X7R 0.0015MF K 2012	HCBK103KCA	50V X7R 0.01MF K 2012
C225	C CHIP CERA	HCBK123KCA	50V X7R 0.0012MF K 2013	HCBK123KCA	50V X7R 0.0012MF K 2013	HCBK822KCA	50V X75 8200PF K 2012	HCBK822KCA	50V X75 8200PF K 2012
C307	C CHIP CERA	HCBK509CCA	50V SL 5PF C 2012	HCBK509CCA	50V SL 5PF C 2012	-	-	-	-
C309	C CHIP CERA	HCLK220JCA	50V SL 22PF J 2012	HCLK220JCA	50V SL 22PF J 2012	HCLK470JCA	50V SL 47PF J 2012	HCLK221JCA	50V SL 220PF J 2012
C312	C CHIP CERA	HCLK201JCA	50VSL 200PF J 2012	HCLK201JCA	50VSL 200PF J 2012	HCLK221JCA	50V SL220PF J 2012	HCLK201JCA	50VSL 200PF J 2012
C416	C CHIP CERA	HCBK103KCA	50V X7R 0.01MF K 2012	HCBK103KCA	50V X7R 0.01MF K 2012	HCBK103KCA	50V X7R 0.01MF K 2012	-	-
C417	C CHIP CERA	HCBK104KCA	50V X7R 0.01MF K 2013	HCBK104KCA	50V X7R 0.01MF K 2013	HCBK104KCA	50V X7R 0.01MF K 2013	-	-
IC501	IC MICOM	199KS1ZPSS	KS88C8016(S103W)	199KS1ZPSS	KS88C8016(S103W)	199KS1Z---	KS88C8016(S103N)	199KS1Z---	KS88C8016(S103N)
RJ024	R CHIP	-	-	-	-	HRF8000-EA	1/8 0 OHM 3216	HRF8000-EA	1/8 0 OHM 3216
R202	R CHIP	HRFT393JCA	1/10 39K OHM J 2012	HRFT393JCA	1/10 39K OHM J 2012	HRFT393JCA	1/10 39K OHM J 2012	HRFT333JCA	1/10 33K OHM J 2012
R207	R CHIP	HRFT181JCA	1/10 180 OHM J 2012	HRFT181JCA	1/10 180 OHM J 2012	HRFT241JCA	1/10 240 OHM J 2012	HRFT301JCA	1/10 300 OHM J 2012
R213	R CHIP	HRFT682JCA	1/10 6.8K OHM J 2012	HRFT682JCA	1/10 6.8K OHM J 2012	HRFT223JCA	1/10 22K OHM J 2012	HRFT103JCA	1/10 10K OHM J 2012
R304	R CHIP	HRFT122JCA	1/10 1.2K OHM J 2012	HRFT122JCA	1/10 1.2K OHM J 2012	HRFT122JCA	1/10 1.2K OHM J 2012	HRFT102JCA	1/10 1K OHM J 2012
R405	R CHIP	HRFT202JCA	1/10 2K OHM J 2012	HRFT202JCA	1/10 2K OHM J 2012	HRFT202JCA	1/10 2K OHM J 2012	HRFT152JCA	1/10 1.5K OHM J 2012
R408	R CHIP	HRFT333JCA	1/10 33K OHM J 2012	HRFT333JCA	1/10 33K OHM J 2012	HRFT333JCA	1/10 33K OHM J 2012	-	-
R410	R CHIP	HRFT202JCA	1/10 2K OHM J 2012	HRFT202JCA	1/10 2K OHM J 2012	HRFT202JCA	1/10 2K OHM J 2012	-	-
R412	R CHIP	HRFT102JCA	1/10 1K OHM J 2012	HRFT102JCA	1/10 1K OHM J 2012	HRFT102JCA	1/10 1K OHM J 2012	-	-
R567	R CHIP	HRFT102JCA	1/10 1K OHM J 2012	HRFT102JCA	1/10 1K OHM J 2012	-	-	-	-
R568	R CHIP	HRFT102JCA	1/10 1K OHM J 2012	HRFT102JCA	1/10 1K OHM J 2012	-	-	-	-
R572	R CHIP	HRFT393JCA	1/10 39K OHM J 2012	HRFT393JCA	1/10 39K OHM J 2012			HRFT363JCA	1/10 36K OHM J 2012
R606	R CHIP	-	-	HRFT102JCA	1/10 1K OHM J 2012	HRFT102JCA	1/10 1K OHM J 2012	HRFT102JCA	1/10 1K OHM J 2012
R607	R CHIP	-	-	HRFT101JCA	1/10 100 OHM J 2012	HRFT101JCA	1/10 100 OHM J 2012	HRFT101JCA	1/10 100 OHM J 2012
0012	PCB MAIN RADIAL AS	PVMPJRW063	S103WY-QB/D(C313200)	-	S103WY-QB/E	-	S103A-QB	-	S103NY-QD/A
C202	C MYLAR	CMXM2A152J	100V 1500PF J (TP)			CMXM2A152J	100V 1500PF J (TP)	CMXM2A272J	100V 2700PF J (TP)
C617	C ELECTRO	CEXF1C470A	16V RSM 47MF (5X7) TP	CEXF1C470A	16V RSM 47MF (5X7) TP	-	-	-	-
L301	COIL PEAKING	5CPX560J--	56UH J (R RADIAL)	5CPX560J--	56UH J (R RADIAL)	5CPX330J--	33UH J (R RADIAL)	5CPX330J--	33UH J (R RADIAL)
L302	COIL PEAKING	5CPX121J--	120UH J (R RADIAL)	5CPX121J--	120UH J (R RADIAL)	5CPX560J--	56UH J (R RADIAL)	5CPX560J--	56UH J (R RADIAL)
L304	COIL PEAKING	-	-	-	-	-	-	5CPX100J2T	10UH(BRN-BLK)
Q401	TR	TZTC3198Y-	TXTC3198Y(1815Y)(AUTO)	TZTC3198Y-	TXTC3198Y(1815Y)(AUTO)	TZTC3198Y-	TXTC3198Y(1815Y)(AUTO)	-	-
Q601	TR	-	-	TZSR1004--	KSR1004 (AUTO)	TZSR1004--	KSR1004 (AUTO)	TZSR1004--	KSR1004 (AUTO)
Q603	TR	-	-	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)	TZTA1266Y-	KTA1266Y- (AUTO)(1015Y)
0013	PCB MAIN AXIAL AS	PVMPJAW063	S103WY-QB/D(A495500)	-	S103WY-QB/E	-	S103A-QB	-	S103NY-QD/A
C583	C CERA SEMI	-	-	CBZP1C103M	16V Y5S 0.01MF M	CBZP1C103M	16V Y5S 0.01MF M	CBZP1C103M	16V Y5S 0.01MF M

LOC	PART-NAME	PART-CORD	PART-DESC	PART-CORD	PART-DESC	PART-CORD	PART-DESC	PART-CORD	PART-DESC
C614	C CERA	CCZB1H221K	50V B 220PF K	CCZB1H221K	50V B 220PF K	-	-	-	-
C615	C CERA SEMI	CBZP1C103M	16V Y5S 0.01MF M	CBZP1C103M	16V Y5S 0.01MF M	-	-	-	-
D609	DIODE ZENER	-	-	DZUZ13BSB-	UZ-13BSB(12.59-13.16V)	-	-	-	-
D610	DIODE ZENER	-	-	DZUZ5R6BSB	UZ-5.6BSB(5.46-5.70V)	-	-	-	-
D611	DIODE	-	-	DZN4148---	1N4148 AUTO 52MM	-	-	-	-
JP045	WIRE COPPER	-	-	-	-	-	-	85801065GY	AWG22 1/0.65 TIN COATING
JP106	WIRE COPPER	-	-	85801065GY	AWG22 1/0.65 TIN COATING	-	-	-	-
JP107	WIRE COPPER	-	-	-	-	85801065GY	AWG22 1/0.65 TIN COATING	85801065GY	AWG22 1/0.65 TIN COATING
JP108	WIRE COPPER	85801065GY	AWG22 1/0.65 TIN COATING	85801065GY	AWG22 1/0.65 TIN COATING	-	-	-	-
JP169	WIRE COPPER	-	-	-	-	85801065GY	AWG22 1/0.65 TIN COATING	85801065GY	AWG22 1/0.65 TIN COATING
JP180	WIRE COPPER	85801065GY	AWG22 1/0.65 TIN COATING	85801065GY	AWG22 1/0.65 TIN COATING	85801065GY	AWG22 1/0.65 TIN COATING	-	-
R306	R CARBON FILM	RD-AZ242J-	1/6 2.4K OHM J	RD-AZ242J-	1/6 2.4K OHM J	RD-AZ272J-	1/6 2.7K OHM J	RD-AZ272J-	1/6 2.7K OHM J
R556	R CARBON FILM	RD-AZ332J-	1/6 3.3K OHM J	RD-AZ332J-	1/6 3.3K OHM J	RD-AZ362J-	1/6 3.6K OHM J	RD-AZ362J-	1/6 3.6K OHM J
R583	R CARBON FILM	-	-	RD-AZ103J-	1/6 10K OHM J	RD-AZ103J-	1/6 10K OHM J	RD-AZ103J-	1/6 10K OHM J
R584	R CARBON FILM	85801060TA	0.6X52MM TAPING	RD-AZ472J-	1/6 4.7K OHM J	RD-AZ752J-	1/6 7.5K OHM J	-	-
R609	R CARBON FILM	-	-	RD-AZ271J-	1/6 271 OHM J	-	-	-	-